

10/520015

DT15 Rec'd PCT/PTO 29 DEC 2004

VIA Express Mail EL629610512US  
PATENT  
36856.1313

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of : Hideki KAWAMURA	International Application No.: PCT/JP2003/013037
Serial No.: Unknown	International Filing Date: October 10, 2003
Filed: Concurrently herewith	
For: BRANCHING FILTER AND COMMUNICATION DEVICE	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits copies of the prior art listed on the attached Form PTO-1449. The prior art references 1-11 and 16 were cited in the International Search Report for PCT Application No. PCT/JP2003/013037.

Applicant cites US 2002/0153965 because it is the U.S. equivalent of EP 1 253 713 A2.

Applicant cites U.S. 5,373,268 and EP 0 609 555 A2 because they are the U.S. and the European equivalents of JP 06-295181.

The relevance of the JP 2001-024476 is discussed on page 2 of the substitute specification filed concurrently herewith.

The prior art references numbered 12-14 are additional prior art references that the Applicant submits herewith.

Applicant did not submit a copy of the U.S. references as this is no longer a USPTO requirement.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicants respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: December 29, 2004

  
Attorneys for Applicant(s)

Joseph R. Keating  
Registration No. 37,368

Christopher A. Bennett  
Registration No. 46,710

**KEATING & BENNETT LLP**  
10400 Eaton Place, Suite 312  
Fairfax, VA 22030  
Telephone: (703) 385-5200  
Facsimile: (703) 385-5080

Substitute for form 1449/PTO

Complete if Known

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	2	Application Number	10/520015
Filing Date				10/520015	
First Named Inventor				Hideki KAWAMURA	
Art Unit					
Examiner Name					
Attorney Docket Number				36856.1313	

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2002/0153965	10/2002	Ruby et al.	
	2	5,373,268	12/1994	Dworsky et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number-Kind Code <sup>5</sup> (if known)	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	3	EP 1 253 713 A2	10/2002	EPO		X
	4	JP 2003-022074 (English abstract and machine translation)	01/2003	JAPAN		X
	5	EP 0 609 555 A2	08/1994	EPO		X
	6	JP 06-295181 (English abstract and machine translation)	10/1994	JAPAN		X
	7	JP 2002-217676 (English abstract and machine translation)	08/2002	JAPAN		X
	8	JP 2000-244030 (English abstract and machine translation)	09/2000	JAPAN		X
	9	JP 11-284480 (English abstract and machine translation)	10/1999	JAPAN		X
	10	JP 2002-268644 (English abstract and machine translation)	09/2002	JAPAN		X
	11	JP 2003-324336 (English abstract and machine translation)	11/2003	JAPAN		X
	12	JP 2001-024476 (English abstract and machine translation)	01/2001	JAPAN		X
	13	JP 2001-274650 (English abstract and machine translation)	10/2001	JAPAN		X
	14	JP 11-088111 (English abstract and machine translation)	03/1999	JAPAN		X
	15	JP 2000-278078 (English abstract and machine translation)	10/2000	JAPAN		X

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

**Complete if Known**

**(Use as many sheets as necessary)**

Application Number

**Examiner Name**

**Hideki KAWAMURA**

T2

K. SHIMIZU et al., "SENSITIVITY OF HYDROXYAPATITE FILM FOR HUMIDITY"; 09/2002; Vol. 63, No. 2, p. 555.

Date  
Considered